

L 14500-66 EWT(m)/EWP(v)/EWP(t)/T/EWP(k)/EWP(b) JD/HM

ACC NR: AP6006333

SOURCE CODE: UR/0413/66/000/002/0057/0057

INVENTOR: Zolotarev, B. B.; Zhukov, M. B.; Denisov, B. S.

ORG: none

TITLE: A method of arc welding. Class 21, No. 177982

44.53, 1

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 57

TOPIC TAGS: welding, arc welding, welding deformation, residual deformation, deformation control

ABSTRACT: This Author Certificate introduces a method of arc welding with a filler material. In order to control the magnitude and sign of residual deformations, a filler is introduced whose dimensional properties, including those of zero magnitude, ensure the desired deformation. [WW]

SUB CODE: /3/ SUBM DATE: 16Jun64/ ATD PRESS: 4199

GC

Card 1/1

UDC: 621.791.753/042

ZHUKOV, M. D., Cand Med Sci -- (diss) "Course of aseptic inflammation in adrenalo-ectomized rats under influences from the brain core and upon introduction of hormones of the suprarenal glands." Novosibirsk, 1960. 19 pp; (Novosibirsk Medical Inst); 215 copies; price not given; (KL, 51-60, 121)

ZHUKOV, M.D.

Effect of cortisone and adrenalin on the course of aseptic
inflammation in adrenalectomized and intact rats. Arkh. anat.
gist. i embr. 38 no. 5:60-66 My '60. (MIRA 14:2)

1. Kafedra gistologii i embriologii (zav. - prof. V.G. Yeliseyev)
I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.
Sechenova. Adres avtora: Moskva, K-9, Mokhovaya 11, I Moskovskiy
orden Lenina meditsinskiy institut im. I.M. Sechenova, Kafedra
gistologii.

(CORTISONE) (ADRENALINE) (INFLAMMATION)
(ADRENAL GLAND—SURGERY)

ZHUKOV, M.D., kand. med. nauk

Large supradiaphragmatic diverticulum of the esophagus. Khirurgiya 40 no. 9:130-131 S '64
(MIRA 18:2)

I. Kafedra gospitall'noy khirurgii (zav. - prof. A.V. Ovchinnikov)
Altayskogo meditsinskogo instituta, Barnaul.

31620
S/207/61/000/006/005/025
A001/A101

26.2311

AUTHORS: Dautov, G.Yu., Zhukov, M.F., Smolyakov, V.Ya. (Novosibirsk)

TITLE: Investigation of the operation of plasmatron with air stabilization
of arc

PERIODICAL: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 6, 1961,
29 - 35

TEXT: The present investigation deals with studying the steadiness of arc
burning in plasmatrons at the given characteristics of the power source and exter-
nal circuit. The method employed is investigation of volt-ampere characteristics
of arc burning. The principle of this method is described and theoretically ana-
lyzed. As a result of this analysis a differential equation of the second order
with respect to i , which designates the magnitude of small disturbance of current
 I_g of the arc, is derived. The roots r_1 and r_2 of the characteristic equation
for i , being the solution of the differential equation, must be negative in order
that i should tend to zero. The necessary conditions for this look as follows:
 $L + (R - \psi) CR^* > 0$; $R^* + (R - \psi) > 0$ (18),
where L is inductance, C is capacitance, R is resistance, R^* is differential arc

Card 1/2

Investigation of the operation of plasmatron ...

31630
S/207/61/000/006/005/025
A001/A101

resistance, and quantity φ is determined by the partial derivative $\varphi = \left(\frac{\partial U_b}{\partial I_1} \right)_0$ taken at the instant when steady operation is established (index 0), where U_b is voltage of the power source supply and I_1 is the magnitude of total current in the system. This analytical solution is illustrated by a graph for steady functioning of the arc. An experimental investigation of the burning of electric arc in a plasmatron was conducted on a model which is described and illustrated by a schematic diagram. As a result of this investigation, a family of static volt-ampere characteristics of the electric arc stabilized by an air vortex was obtained, and boundaries of the range of steady burning are defined. In the model investigated the following parameters were attained: the temperature of the gas jet - up to 6,000°K, thermal efficiency was about 50%, contamination of the gas jet with electrodes destruction products was under 1%. The authors arrived at a general conclusion that power supply sources of higher voltage must be employed in order to extend the range of steady arc burning. There are 7 figures and 2 Soviet-bloc references.

SUBMITTED: September 4, 1961

Card 2/2

35952

S/207/62/000/002/005/015
D237/D302

26.2310

AUTHORS: Dautov, G. Yu. and Zhukov, M. F. (Novosibirsk)

TITLE: Some results of an investigation of the properties of a water-stabilized arc

PERIODICAL: Zhurnal prikladnoy mehaniki i tekhnicheskoy fiziki,
no. 2, 1962, 32-36

TEXT: The work begins with an introductory paragraph on plasmatrons with a water-stabilized arc, and their drawbacks such as the short duration of their performance, disintegration of electrodes and necessity for the external resistance consuming a significant part of the input are discussed. To avoid the above-mentioned difficulties, the authors have designed a plasmatron with a radial magnetic field, and its description and performance constitutes the main part of the paper. Approximate formulas are given for determining induced magnetic flux Φ , radial component of field intensity H_r in the region of the arc, velocity of arc, v_H re surround-

Card 1/2

Some results of ...

S/207/62/000/002/005/015
D237/D302

ing medium, density ρ of the medium, and velocity V of the medium in the region of the arc. Results of experiments are presented graphically and it is shown that loss of mass from the electrodes is lower by a factor of 10 and that with currents above 500 - 600 amp. the loss of mass from the cathode begins to diminish while loss of mass from the anode diminishes, but is less influenced by the increase in current, than that from the cathode. The duration of continuous performance was about 1 hour, as compared with 10 sec for the standard plasmatron and its efficiency was found to be 30 - 40%. The authors mention the possibility of increasing the efficiency, and constructing the plasmatron without the external ballast resistance. There are 6 figures and 3 Soviet-bloc references.

SUBMITTED: December 10, 1961

f

Card 2/2

ACCESSION NR: APL042027

S/0030/64/000/006/0021/0025

AUTHORS: Khristianovich, S. A. (Academician); Zhukov, M. F. (Doctor of technical sciences)

TITLE: Low temperature plasma generators

SOURCE: AN SSSR. Vestnik, no. 6, 1964, 21-25

TOPIC TAGS: arc jet, plasma, coaxial electrode, discharge current, arc length

ABSTRACT: The details of an arc jet for producing low temperature plasmas were presented. The arc is vortex stabilized between two coaxial copper electrodes but is shown to oscillate with variable lengths at kilocycle frequencies. The stability of the arc is improved upon increasing the discharge current and consequently reducing the arc length. Simple nondimensional expressions are derived, relating the arc power to gas mass flow rate and the potential drop across the arc in a multiaatomic gas with the current. The volt-ampere characteristic curves agree closely with the experimental results. Orig. art. has: 5 figures and 2 formulas.

ASSOCIATION: Institut teoreticheskoy i prikladnoy mekhaniki (Institute of
Theoretical and Applied Mechanics)

Card 1/2

ACCESSION NR: AP4042027

SUBMITTED: 00

SUB CODE: GP

NO REF Sov: 000

ENGL: 00

OTHER: 000

2/2
Card

ZHUKOV, M.F.; POKROVSKIY, G.N.; SMOLYAKOV, V.Ya.

Results of testing electric-arc jet drills (pixema drills).
Fiz.-tekhn. problym razrab. pol. iskop. no.1:32-39 '65.
(MIRA 16:10)

I. Institut teoreticheskoy i prikladnoy mehaniki Sibirskego
otdeleniya AN SSSR i Institut gornogo dela Sibirskego otdeleniya
AN SSSR, Novosibirsk.

L 5381-66 EWT(1)/ETC/EPP(n)-2/EMO(m)/EPA(w)-2 IJP(c) AT
ACC NR: AP5027285

SOURCE CODE: UR/0207/65/000/005/0132/0135

AUTHORS: Daumov, G. Yu. (Novosibirsk); Pudnikov, Yu. S. (Novosibirsk); Zhukov, M. F. (Novosibirsk); Sazonov, M. I. (Novosibirsk)

ORG: none

TITLE: Distribution of potential along arc of vortex type plasma generator

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 5, 1965, 132-135

TOPIC TAGS: plasma jet, turbulent flow, pressure distribution, plasma generator, plasma arc

ABSTRACT: The voltage-current characteristics of a plasma arc of variable length "a" were investigated experimentally under stable-arc operation conditions. The arc was vortex-stabilized and the flow-turbulent. A special flow chamber was added to the generator to control the arc pressure independently of the arc length "a". Both the cathode and the anode were made of water-cooled copper, and the working gas was air. Voltage current (U-I) curves with the arc length as the parameter showed that U decreases with decreasing arc length and that for each length there is a minimum in U at some value I in the vicinity of 100 amps.

Card 1/2

L 5384-66

ACC NR: AP5027285

J

A voltage versus length curve shows that U depends on "a" linearly and varies only slightly with the gas main flow rate. On the basis of a functional analysis between U , I , mass flow rate G , and "a", the following empirical equation is obtained for predicting the potential distribution along the arc length

$$E = - G^{0.15} (6160 - 14.8I + 0.073I^2) \cdot m^{-1}$$

where $1900 \leq E$ (volts/m) ≤ 2500 , I is in amps, and G in kg/sec. The weak dependence of U on the flow rate is explained by the fact that only a small portion of the gas is exposed directly to the arc. Orig. art. has: 4 formulas and 4 figures.

SUB CODE: ME/ SUBM DATE: 11Feb65/ ORIG REF: 003/ OTH REF: 005

PC
Card 2/2

L 14077-66 EWT(1)/ETC(F)/EPP(n)-2/ENG(m) IJP(c) AT
ACC NR: AP6002364

SOURCE CODE: UR/0207/65/000/006/0111/0114

AUTHOR: Dautov, G. Yu. (Novosibirsk); Zhukov, M. F. (Novosibirsk)

ORG: None

34
35

TITLE: Criterial generalization of the characteristics of vortex-mode plasmatrons 21, 44, 55

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 6, 1965,
111-114

TOPIC TAGS: gas discharge plasma, discharge tube, volt ampere characteristic

ABSTRACT: This article is a continuation of an earlier work on the criterial generalization of the volt-ampere and thermal characteristics of vortex-mode plasmatrons. Numerous experiments have shown that the reproducibility of the volt-ampere characteristics of the arc in a plasmatron under identical external conditions is achieved with an accuracy of $\pm 10\%$. In the experiments performed by the present authors the arc in a new arc chamber with clean surfaces had a higher intensity. A change in the condition of the surface as a result of the arc spot effect, as a rule, decreased the intensity. A comparison of the theoretical results with the experimental shows that the maximum deviation does not exceed $\pm 15\%$. This confirms the conclusion that it is possible to achieve a generaliza-

L 14079-66

ACC NR: AP6002364

tion of volt-ampere characteristics of an arc in bicameral plasmatrons in a broad range of variations in the current, the flow rate, and the dimensions of the plasmatron. The data presented show that at the present level of knowledge on the processes in the uni- and bicameral vortex-mode plasmatrons, the method of generalization of the characteristics is an effective means for evaluation of the parameters of plasmatrons when they are being designed. Orig. art. has: 4 figures and 11 formulas.

SUB CODE: 20 / SUBM DATE: 12Jul65 / ORIG REF: 004 / OTH REF: 003

OC
Card 2/2

ACC NR: AP7002078

SOURCE CODE: UR/0030/66/000/012/0010/0012

AUTHORS: Zhukov, M. F. (Doctor of technical sciences); Dautov, G. Yu. (Candidate of technical sciences)

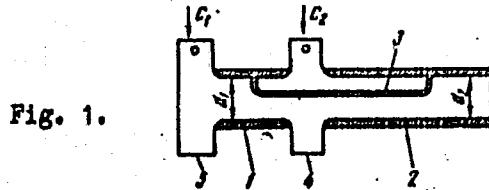
ORG: Institute of Theoretical and Applied Mechanics, Siberian Branch of the Academy of Sciences SSSR (Institut teoreticheskoy i prikladnoy mekhaniki, Sibirskogo otdeleniya Akademii nauk SSSR)

TITLE: Low temperature gas discharge plasma generators

SOURCE: AN SSSR. Vestnik, no. 12, 1966, 10-12

TOPIC TAGS: plasma, temperature distribution, plasma arc, plasmatron

ABSTRACT: The design and operation characteristics of a gas discharge plasma arc are described. As shown in Figure 1,



the arc chamber consists of cooled electrodes (1) and (2) with internal diameters
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ACC NR: AP7002078

d_1 and d_2 (3 is the arc struck between them). The gas enters the ring chambers (4) and (5) tangentially, through slots C_1 and C_2 . The mean gas temperature at the chamber exit varies from 1000--7000K, with peak temperatures of 20 000K on the arc jet axis. Mean temperature versus arc current curves are given to show the operation characteristics of the plasmatron. It is shown that a shunting insert between the two electrodes increases the gas temperature considerably for a given arc current by reducing gross arc pulsations. The state-of-the-art for high power plasmatron devices is discussed briefly. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: none

Card 2/2

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, M.G., inzh.

UBK-0 type automatic excitation regulator for small generators.
Elektrotehnika 35 no.7:60-61 '64. (MIRA 17:11)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

ZHUKOV, M.G. inzh.

UBK-1 automatic excitation controller. Mekh. i elek.sots.
sel'khoz. 17 no.3:49-51 '59. (MIRA 12:8)

1. Kalininskiy zavod elektroapparatury.
(Electric controllers)

SYCHEV, K.I.; ISHMAKOV, K.I.; ZHUKOV, M.I.; CHYMACHENKO, Yu.T.

New data on the hydrogeology of the northern Lake Balkhash region.
Mat.po geol.i pol.iskop.TSentr.Kazakh. no.2:85-95 '62.

(MIRA 15:12)

(Balkhash Lake region--Water, Underground)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, M. M.

"Indications to Overthrust Structures on Mangyshlak," Dok. AN, 26, No. 9, 1940.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

ZHUKOV, MIKHAIL MIKHAYLOVICH

Geography and Geology

Practical manual for study in a course of general geology; Moskva, Gosudarstvennoe izd-vo geologicheskoi literatury 1945.

9. Monthly List of Russian Accessions, Library of Congress, August 1958. Unclassified.

2

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, Mikhail Mikhailovich, 1893- ed.

A laboratory manual for a course in general geology. Moskva, Gos. izd-v6
geologicheskoi lit-ry, 1945. 154 p. (48-20090)

QE40.25

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

ZHUKOV, Mikhail Mikhailovich, 1893-

Pliocene and quaternary history of the North Caspian depressions. Moskva, Izd-vo Akademii nauk SSSR, 1945. 234 p. Problemy Zapadnogo Kazakhstana, t. 11.

Cyr.4 QE37

ZHUKOV M.M.

BOGDANOV, A.A.; ZHUKOV, M.M.; MILANOVSKIY, E.V.; PAVLINOV, V.N.; BOGDANOV, A.A., redaktor; SEMENOVA, M.V., redaktor; MALEK, Z.H., tekhnicheskij redaktor; POPOV, N.D., tekhnicheskij redaktor.

[Laboratory manual for a course in general geology] Posobie k laboratornym zaniatijam po kursu obshchei geologii. Moskva, Gos. nauchno-tekh. izd-vo lit-ry po geologii i okhrane nedor. (MIRA 7:11) 1954. 146 p.

(Geology--Laboratory manuals)

ZHUKOV, M. M.

YAKOVLEV, S.A.; APUKHTIN, N.I.; BOCH, S.G.; VOZNESSENSKIY, D.V.; GROMOV,
V.I.; ZHUKOV, M.M.; KRASHOV, I.I.; LUNGERGAUZHEN, O.F.;
PERKINS, V.A.; POKROVSKAYA, I.M.; HUDOVITS, Yu.L. [deceased];
SEMENOVA, A.S.; SHARKOV, V.V.; EPSHTEYN, S.V.; YAKOVLEVNA, S.V.;
VERSTAK, G. V. redaktor; GUROV, O.A., tekhnicheskij redaktor.

[Methodical aid for studying and geological surveying of
quaternary deposits; description of methods] Metodicheskoe
rukovodstvo po izucheniiu i geologicheskoi s"enke chetvertichnykh
otlozhenii; opisanie metodov. Sost. S.A. Iakovlev. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1955.
485 p. [Microfilm]

(MLBA 9:1)

1. Leningrad. Vsesoyuznyy geologicheskii institut.
(Geological surveys) (Geology, Stratigraphic--Quaternary--
Study and teaching)

ZHUKOV, M. M.

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5233

Author: Zhukov, M. M., Kravchenko, T. K.

Institution: None

Title: Use of Natural Gas in Firing of Bricks

Original
Publication: Str-vo predpriyatii neft. prom-sti, 1956, No 5, 22-23

Abstract: No abstract

Card 1/1

ZHUKOV, M.M.

Evaluation of the aeolian factor in the formation of loess in the
light of a study of black storms. Trudy Inst. geol. i geofiz. Sib.
otd. IN SSSR no.24:5-25 '64.
(MIRA 18:1)

IVANCHENKO, V.; ZHUKOV, M.

Characteristics of road construction in Turkmen sand dunes.
Avt. dor. no.10:20 O '64. (MIRA 17:12)

1. Nachal'nik proizvodstvennogo otdela dorozhno-stroitel'nogo upravleniya No.1 Ministerstva avtomobil'nogo transporta i shosseynykh dorog Turkmenskoy SSR (for Ivanchenko). 2. Proizvoditel' rabot dorozhno-stroitel'nogo upravleniya No.1 Ministerstva avtomobil'nogo transporta i shosseynykh dorog Turkmenskoy SSR (for Zhukov).

VARNAKOVA, Ye.D.; GUREVICH, D.Ye.; ZHUKOV, M.M.; RYAZANISEVA, L.I.,
red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Organization of the dissemination of information and
introduction of new technology and advanced practices in
construction] Organizatsiya informatsii, propagandy i vne-
dreniya novoi tekhniki i perevodogo opyta v stroitel'stve;
opyt Orgstroev. Moskva, Gosstroizdat, 1962. 109 p.

(MIRA 15:7)

(Building--Technological innovations)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, M.M.

Recent tectonic transverse transformations of the Soviet Carpathians.
Izv.AN SSSR.Ser.geol. 26 no.7:80-87 Jl '61. (MIRA 14:7)
(Carpathian Mountains—Geology, Structural)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

ZHUKOV, M. M.

JUKOV, M. M. [Zhukov, M. M.]

Transversal neotectonic transformations in the Soviet Carpathians.
Analele geogr 16 no.1:72-81 Ja-Mr '62.

ZHUKOV, M.M.; SLAVIN, V.I.; DUNAYEVA, N.N.; KHAIN, V.Ye., red.;
SHANTSER, Ye.V., red.; KOLOSHINA, T.V., red. izd-va;
HYKOVA, V.V., tekhn. red.

[Principles of geology] Osnovy geologii. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 625 p.
(MIRA 15:2)

(Geology)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,
p 40 (USSR) 15-1957-12-16945

AUTHOR: Zhukov, M. M.

TITLE: Collection and Study of Invertebrate Fossils (Mollusks)
Sbor i izuchenije bespozvonochnykh iskopayemykh
(mollyuskov)

PERIODICAL: V sb: Metod. rukovodstvo po izucheniyu i geol. s"yemke
chetvertich. otlozheniy, Ch 2, Moscow, Gosgeoltekhniz-
dat, 1955, pp 98-109

ABSTRACT: Bibliographical entry

Card 1/1

LANGE, O.K.; IVANOVA, M.F.; LEBEDEVA, N.B.; ZHUKOV, M.M., red.; KRASHNOVA,
N.E., red.izd-va; KRYNOCHKINA, K.V., tekhn.red.

[General geology] Obshchaya geologiya. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po geol. i okhrane nedr, 1958. 250 p. (MIRA 12:4)
(Geology)

ZHUKOV, M.M.

Using facial analysis for plotting stratigraphic units of Quaternary sediments as was done in the instance of the northern Caspian Sea region. Biul. Kom. chetv. per. no.22:114-117 '58. (MIRA 11:11)
(Caspian Sea region--Geology, Stratigraphic)

Zhukov, M.N.

B-40

STESHENKO,A.I.; ZHURAVLEV,S.P.; TARAN,P.N.; KUDRYASHOV,K.V.; ZHUKOV,M.H.;
BELYI,P.L.; KADYRVAYEV,R.A.; PASTUSHKIN,P.M.; SHOSTAK,A.G.; OSTROUHOV,A.I.;
POLONSKIY,M.I.; OSTROUKHOV,I.I.; LUGOVSKIY,S.I.; SEMENKO,P.I.; KHOROSHEV,O.V.; IBRAYEV,Sh.I.; NEYKOV,O.D.

"Dust control in the mines of Krivoy Rog Basin." V.V.Nedin. Reviewed by A.I.Steshenko and others. Gor.zhur. no.9:61-62 S '55.

(MLRA 8:8)

(Krivoy Rog--Mine dusts) (Nedin,V.V.)

BONDARENKO, I.I.; ZHUKOV, M.N.; ZINCHIEVSKIY, N.P.; RED'KO, I.A.; SEMENKO, P.I.; SVINARENKO, D.M.; KHIVRENKO, A.P.; SHKUTA, E.I.; SHOSTAK, A.G.

Review of "Ventilation of mines after large-scale blasting"
by S.I.Lugovskoi. Reviewed by I.I.Bondarenko and others.
Besop.truda v prom. 3 no.3:38 Ag '59. (MIRA 12:11)

1. Glavnnyy inzhener upravleniya Krivorozhskogo okruga Gosgortekhnadzora USSR (for Bondarenko).
2. Glavnnyy inzhener instituta Krivbasproekt (for Zhukov).
3. Glavnnyy inzhener rudoupravleniya im. Karla Libknechta (for Zinchayevskiy).
4. Nachal'nik otdela kapital'nogo stroitel'stva rudoupravleniya im. Dzerzhinskogo (for Ryng).
5. Nachal'nik ventilyatsii tresta Dzerzhinskruda (for Red'ko).
6. Upravlyayushchiy rudoupravleniyem im. Dzerzhinskogo (for Svinarenko).
7. Upravlyayushchiy upravleniyem im. Karla Libknechta (for Semenko).
8. Glavnnyy inzhener tresta Dzerzhinskruda (for Khivrenko).
9. Glavnnyy inzhener rudoupravleniya im. Dzerzhinskogo (for Shkura).
10. Nachal'nik tekhnicheskogo otdela tresta Dzerzhinskruda (for Shostak).

(Bibliography--Industrial safety) (Lugovskoi, S.I.)

ZHUKOV, M.N.

AUTHOR: Gordon, B.Ye. and Zhukov, M.N., Mining Engineers 127-58-7-6/20

TITLE: The Iron Ore Industry of the Ukraine (Zhelezorudnaya promyshlennost' Ukrayny)

PERIODICAL: Gornyy zhurnal, 1958, Nr 7, pp 28-35 (USSR)

ABSTRACT: Production of iron ore in the Ukraine represents almost 50% of that of the entire Soviet Union. During the next 7 years, the needs for ore will be 60% larger than the entire present output. Reserves of all Ukrainian deposits are estimated at 13,930,800,000 tons. The main base of Ukrainian metallurgy is the Krivoy Rog basin. Following the discovery of new deposits in Galeshchino, Belozerka and Popel'nastoye, north and east of the Krivoy Rog basin, the whole region with its deposits is now called Great Krivbass (Bol'shoy Krivbass). The ores of this region are very rich in iron hematite-martite (90%) and magnetite (6%) and a small quantity of hydro-hematite. The authors describe the newly discovered Galeshchino, Belozerka and Popel'nastoye deposits. The Kerch iron-ore basin is composed of ores with lesser contents of iron, and at present only brown and oölite ores are exploited. The general production of commercial iron ore and of concentrated ore was 47.1 million tons in 1957. In 1975, the Krivoy Rog basin

Card 1/2

The Iron Ore Industry of the Ukraine

127-58-7-6/20

must produce about 90 million tons of concentrate and ready for use iron ore. The authors describe various work done in the mines of the Krivoy Rog basin to enable them to cope with the imminent increase in output. In the Kerch Basin, the construction of an ore-concentrating combine will soon begin. Its production capacity of concentrated ore will reach 7.4 million tons in 1965. In the Galeshchino (Kremenchug) region another combine will be built. There are 7 tables and 1 Soviet reference.

ASSOCIATION: Krivbasproyekt

Card 2/2 1. Industry-USSR 2. Iron ore-Production

ZHURAVLEV, S.P.; TARAN, N.N.; MALAKHOV, G.M.; MEDIN, V.V.; KUJRYASHOV, K.V.;
~~ZHUKOV, M.N.~~; KADYRBAYEV, R.A.; SHOSTAK, A.G.; RIMSKIY, V.S.; KOSTYUK, A.M.;
ARSENT'YEV, A.I.; SHUTENKOV, T.S.; SERYAKOV, G.V.

"Mining ore deposits." M.I. Agoshkov. Reviewed by S.P. Zhuravlev and
others. Gor.zhur. no.7:63-64 J1 '55. (MIRA 8:8)
(Mines and mineral resources) (Agoshkov, M.I.)

GORDON, B.Ye., kandidat tekhnicheskikh nauk; ZHUKOV, M.N., gornyy inzhener;
SINARENKO, I.A., gornyy inzhener; SHOSTAK, A.G., gornyy inzhener.

Present state and prospects for the development of Krivoy Rog Basin.
Gor. zhur. no.7:3-6 J1 '57.
(MLRA 10:8)
(Krivoy Rog--Iron mines and mining)

TROYANOV, Andrey Konstantinovich; GOLUBEVA, K.A., inzh., retsenzent;
MASLIY, K.Ye., zuborez, retsenzent; ZHUKOV, M.N., red.; DANILOV,
V.L., red. vypuska; BELYAKOV, M.N., red.; ROZENBERG, I.A., kand.
ekon.nauk, red.; SMIRNITSKIY, YeK., kand.ekon.nauk, red.; SUSTA-
VOV, M.I., inzh., red.; DUGINA, N.A., tekhn.red.

[Organization of the manufacture of machinery] Kak organizovano
proizvodstvo mashin. Moskva, Mashgiz, 1960. 30 p. (Biblioteka
rabochego mashinostroitelja. Seriya: "Osnovy konkretnoi ekono-
miki," no.2)

(MIRA 14:5)

(Machinery industry)

ZHUKOVA, M.N., professor

Modern views on prostatic surgery; review of foreign literature.
Urologija 21 no.2:73-76 Ap-Je '56. (MIRA 9:12)

1. Iz kafedry urologii Belorusskogo instituta usovershenstvovaniya
vrachey.

(PROSTATE, surgery,
review (Rus))

ZHUKOV, M. N.

ZHUKOV, M. N. "Latvian animal state farms," Karakul'evodstvo i zverovedstvo, 1949, No. 3, p. 62-63

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal Statoy, No. 25, 1949).

GORDON, B.Ye., gornyy inzh.; ZHUKOV, M.N., gornyy inzh.

Iron mining in the Ukraine. Gor. zhur. no.7:28-35 Jl '58.

(MIRA 11:9)

1.Krivbassproyekt.

(Ukraine--Iron mines and mining)

ZHUKOV, M.P., inzhener; VOSKRESENSKIY, N.N.; inzhener, redaktor; POPOVA,
S.M. tekhnicheskiy redaktor.

[Repair of electromechanical vibrators] Remont elektromekhanicheskikh
vibratorov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry
1955. 77 p.
(Building machinery)

(MLRA 8:8)

IA 29T2C

Chemistry - Cement

"Calculating the Composition of a Mixture Allowing for
Adjusting Admixtures and Additions of Fuel Ash,"
M. P. Zaukov, Engr, 4 pp

"Cement" No 4

At cement factories it is very frequently noticed that the chemical composition of the final clinker product is not always the same. The author discusses the reasons why this occurs and also briefly generalizes the production of cement.

BB

29T10

Ca

Calculation of the composition of the raw mix by taking into account additions and ash from fuel. M. P. Zinakov, Izmeril 18, No. 4, 7-10(1947).—The compn. of a mix fired in a rotary kiln changes because of exhaust losses and added ash. Ordinarily, the material just through the exhaust is clayey; thus the basicity of the material in the kiln increases, while the added ash tends to lower the basicity. It is assumed that clinker is the result of 2 tricomponent systems: ash + limestone + clinkers and clay + limestone + cinders. Formulas are given and their use is illustrated for calcg. the compn. of the mix. M. Horsch

21

ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION

The calculation of the composition of the batch for the
production of magnesian portland clinker. M. P. Zhukov.
Tzement 8, No. 12, 27-9(1936); cf. C. A. 30, 11417.
The chem. compn. of ash is taken into account for the
conditions of a plant using fuel with a high ash content.
B. K. Stefanowsky.

ASU-SEA METALLURGICAL LITERATURE CLASSIFICATION

TIMONIN, M.A., kand. tekhn. nauk; SENCHENKO, G.I., kand. sel'khoz. nauk; ARINGSTEYN, A.I., kand. sel'khoz. nauk; GORSHKOV, P.A., doktor sel'khoz. nauk; ZHUKOV, M.S., kand. sel'khoz. nauk; DEMKIN, A.P., kand. sel'khoz. nauk; KRASHENINNIKOV, N.A., kand. sel'khoz. nauk; GORODNIY, N.G., doktor sel'khoz. nauk; REPYAKH, I.I., nauchn. sotr.; PIL'NIK, V.I., kand. sel'khoz. nauk; KHANIN, M.D., kand. sel'khoz. nauk; TSELIK, V.Z., st. nauchn. sotr. [deceased]; KOZINETS, N.I., nauchn. sotr.; ZHALNINA, L.S., nauchn. sotr.; LYASHENKO, S.N., kand. sel'khoz. nauk; GONCHAROV, G.I., inzh.; BUYANOV, V.I., inzh.; RUDNIKOV, V.N., st. nauchn. sotr.; BLOKHINA, V.V., red.; PROKOF'YEVA, A.N., tekhn.red.; SOKOLOVA, N.N., tekhn.red.

[Hemp] Konoplia. Moskva, Sel'khozizdat, 1963. 462 p.
(MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh kul'tur (for all except Blokhina, Prokof'yeva, Sokolova).
(Hemp)

ZHUKOV, M.S.

Comparative study of the role of potassium and sodium in the life
of plants. Fiziol. rast. 11 no.2:181-187 Mr-Ap '64.
(MIRA 17:4)

1. All-Union Scientific Research Institute of Bast Crops.

ZHUKOV, M.S.

Importance of cation ratios in soils for plants. Pochvovedenie no.12:
64-70 D '63. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh kul'tur.

ZHUKOV, M.S.; OPARIN, A.I., akademik.

Effect of monovalent and bivalent cations on the formation of lyophilic colloids in plant cells and tissues. Dokl. AN SSSR 92 no. 1:169-172 S '53.
(MLRA 6:8)

1. Akademiya nauk SSSR (for Oparin). 2. Kurskaya zonal'naya opytno-melliorativnaya stantsiya (for Zhukov).
(Plant cells and tissues) (Colloids)

USSR/Soil Sciences. Physical and Chemical Properties of Soils

J-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 43784

Author : Zhukov M.S.

Inst : All-Union Scientific Research Institute of Hydro-Engineering
and Land Reclamation

Title : The Effect of Irrigation Methods on the Nutrient Conditions
of Chernozem Soils.

Orig Pub : V. sb.: Orosheniye s. -kh. kul'tur v Tsentr.-chernozem. polose
RSFSR. Vyp. 2. M., AN SSSR, 1956, 130-141

Abstract : The experiments were made on the thick chernozem soil of the
experimental field of the Kursk Zonal Irrigation Land Re-
clamation Station of the All-Union Scientific Research
Institute of Hydro-Engineering and Land Reclamation. Full
mineral fertilizers (NPK) at the rate of 40-60 kg. per ha. at
the beginning of the operations were sunk to a depth of 5-7
cm. It was observed during irrigation that there was a high
nitrate N content on the watered plots with an irrigation
rate of 450-473 m³ per ha. as compared to unwatered plots, a

Card : 1/2

USSR/Soil Sciences. Physical and Chemical Properties of Soils

J-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 43784

quick ammonium N turnover to nitrate N (in 3-4 days), an augmented nitrification process with increased irrigation rates up to 800 m³ per ha. (from 19.4 to 30.9 mg. per kg. of N in one month), a light nitrate wash-out from the top of the underlying horizons (to 2 m.) with their main concentration with surface watering (700 m³ per ha.) below the meter depth and with overhead irrigation (400-800 m³ per ha.) not below 60 cm., the absence of a rising backflow of washed-out nitrates beyond the range of the overall development of the root system when the current of capillary water rises, an insignificant amount of translocation of P and K in assimilable form (to 60 cm.). -- G.S. Goppe.

Card : 2/2

ZHUKOV, M.S.

Drill placement of fertilizers in spots and its effect on the
acidity of sandy soils [with summary in English]. Pochvovedenie
no.10:64-70 O '58. (MIRA 11:10)

1. Novozybkovskaya sel'skokhozyaystvennaya opytnaya stantsiya
Vsesoyuznogo instituta udobreniy i agropochvovedeniya.
(Fertilizers and manures) (Soil acidity)

GEORGIYEVSKAYA, L.M.; RUBANOVA, Ye.A.; BEREMZHOVA-SOLOV'YEVA, R.A.; BLAGOSKLOVNAYA,
Ya.V.; ZHUKOV, M.V.

Acidbase equilibrium in the blood serum in pulmonary emphysema in
various stages of respiratory insufficiency. Ter. arkh., Moskva
24 no.4:23-31 July-Aug 1952. (CIML 23:2)

1. Of the Faculty Therapeutic Clinic (Acting Head -- Prof. T. S. Istamanova), First Leningrad Medical Institute imeni Academician I. P. Pavlov.

IVANOV, K.V.; ZHUKOV, M.V.; MOLCHANOV, M.G.

Effect of acceleration effected simultaneously with irradiation on the course of radiation sickness in animals. Pat. fiziol. i eksp. terap. 6 no.6874-75 N-D:62 (MIRA 17:3)

ZHUKOV, M.V.

Blood proteins and their fractions in hypertensives. Trudy LMI
2:116-120 '55 (MIRA 11:8)

1. Kafadra fakul'tetskoy terapii (sav. - prof.T.S. Istamanova)
Pervogo Leningradskogo meditsinskogo instituta imeni akademika
I.P. Pavlova.
(BLOOD PROTEINS)
(HYPERTENSION)

ZHUKOV, M.V.

Chronic pyelonephritis in a hypoplastic double kidney.
Urologia no.6:46-47 N-D '63. (MIRA 17:9)

1. Iz 2-go khirurgicheskogo otdeleniya (zav. M.V. Zhukov)
Zlatoustovskoy gorodskoy bol'nitsy.

KEYZER, S.A.; IVANOV, K.V.; ZHUKOV, M.V.

Changes in the functional state of the cardiovascular system in rabbits chronically exposed to small doses of gamma radiations.
Radiobiologia 4 no.3:391-395 '64.

(MIRA 17:11)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, N., narodnyy khudozhnik RSFSR

Wishing you keen vision, comrades! Sov.foto 22 no.3:2-4 Mr '62.
(MIRA 15:2)

(Photography)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, N., narodnyy khudozhnik RSFSR

Promoting creativeness and skill. Sov.foto 20 no.2:5
F '60. (MIRA 13:7)
(Photography--Exhibitions)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

KIKOT', I.; ZHUKOV, N., khimik

They got out of a difficulty. From.koop. 14 no.6:18
Je '60. (MIRA 13:?)

1. Predsedatel' pravleniya arteli im. 40 let Oktyabrya,
g. Vinnitsa (for Kikot').
(Bleaching)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

ZHUKOV, N., inzh.; SMELOVSKAYA, V., inzh.

Equipment on ships for rescue at sea. Mor. flot 20 no.9:41-42 S '60.
(MIRA 13:9)

(Great Britain--Life saving apparatus)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

ZHUKOV, N.

Militarizatsiya ekonomiki i usilennie obnizhchaniia rabochego klassa Zapadnoi Germanii [Militarization of the economic structure and increased impoverishment of the working class of West Germany]. Moskva, Profizdat, 1952. 136 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 2, May 1953

ZHUKOV, N.

Children

"My favorite theme." Sov. zhen, 8, No. 3. 1952

Monthly List of Russian Accessions, Library of Congress, August 1952 Unclassified

ZHUKOV, N.

Germany, Western - Defenses

Criminal policy of the revival of militarism in Western Germany, Vop. ekon., No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress
October 1952. UNCLASSIFIED.

ZHUKOV, N.

Cn Plant Im. Engels

Soviet Source: N: Trud No. 270 Moscow, 16 Nov. 1947

Abstracted USAF "Treasure Island", on file in Library of Congress, Air Information
Division, Report No. 80794 UNCLASSIFIED

ZHUKOV, N. Prof.

Fruit Culture

Planting orchards on excessively moist soils. Kolkh. proizv., 12, No. 8, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3

KRAVCHUK, E.; ZHUKOV, N., narodnyy khudozniy RSFSR

At out "Thursdays." Sov.foto 21 no.8:38-42 Ag '61. (MIRA 14:8)
(Photography--Societies, etc.)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920014-3"

RYBAKOV, P.A.; ZHUKOV, N.A.; ISAYEVA, N.S.

Improvement of the gravimetric method for determining the content of
mechanical impurities in white petroleum products. Khim.i tekhn.topl.
i masel 7 no.11:68-71 N '62. (MIRA 15:12)
(Petroleum products)

ZHUKOV, N.A., glavnny konstruktor.

Improving the machine for repairing veneer sheets. Der.i lesokhim.prom.
2 no. 6:23-25 Je '53. (MLRA 6:5)

1. Zavod "Proletarskaya svoboda".

(Woodworking machinery)

ZHUKOV, N.A., inzhener.

Construction of a machine for production of knife cut veneer. Der.1
lesokhim.prom, 3 no.5:12-14 My '54. (MLRA 7:6)

1. Glavnnyy konstruktor zavoda "Proletarskaya svoboda".
(Woodworking machinery)

ZHUKOV, N.A., inzhener.

~~Modernizing the gluer mechanism of a PB-6 rib-gluing machine, Der.~~
prom. 5 no.8:22-23 Ag '56.
~~(MIRA 9:10)~~

1.Glavnyy konstruktor zavoda "Proletarskaya svoboda,"
(Gluing)

ZHUKOV, N.A.

New machines and equipment for the plywood industry. Der.prom.
8 no.4:14-15 Ap '59. (MIRA 12:6)

1. Zavod "Proletarskaya svoboda."
(Plywood industry)

ZHUKOV, N.A., inzh.

Efficient shape of fixing pins for veneer peeling machines.
Der.prom. 9 no.5:7-8 My '60. (MIRA 13:?)

1. Zavod "Proletarskaya svoboda".
(Veneers and veneering)
(Woodworking machinery)

ZHUKOV, N.

The Lu9 small-sized veneer-peeling machine used in plywood manufacture.
Biul.tekh.-ekon.inform. no.9:37-38 '60. (MIRA 13:10)
(Woodworking machinery)

ZHUKOV, N.A., Inzh.

New machinery for woodworking industries. Der.prom. 9 no.10;12-13
0 '60. (MIRA 13:10)

1. Zavod "Proletarskaya svoboda".
(Woodworking machinery)

ZHUKOV, N.A.

New machines and equipment for veneer and plywood manufacture.
Der.prom. 11 no.5:10-12 My '62. (MIRA 15:5)
(Woodworking machinery)

ZHUKOV, N.A.

Treatment of periarticular epidermohypertrophic nevus. Vest.
rent. i rad. 34 no.3:75-77 My-Je '59. (MIRA 12:10)

1. Iz kozhno-urologicheskogo otdeleniya (nach. - kand.med.nauk
P.S.Ivanov, konsul'tant - dotsent S.M.Gitman) i rentgenovskogo
otdeleniya (konsul'tant - prof.N.P.Negovskiy) TSentral'noy
polikliniki (nach.N.I.Kuznetsov) Ministerstva putey soobshcheniya.

(NEVUS, ther.

x-ray in periarticular epidermo-hypertrophic
nevus (Rus))

(JOINTS, neoplasms

periarticular epidermo-hypertrophic nevus,

x-ray ther. (Rus))

ZHUKOV, N.A.

On a continuous work cycle schedule. Ugol' Ukr. 3 no. 4:31-32
Ap '59. (MIRA 12:7)

1. Nachal'nik shakhty No.1/4 tresta Krasnodomugol'.
(Coal mines and mining) (Mine management)

ZHUKOV, N.A.; DERYABINA, N.N.

Rapid method for determining the acid numbers of oils in the
field. Khim.i tekhn.topl.i masel 5 no.12:64-67 D '60.
(MIRA 13:12)

(Lubrication and lubricants)

(Acids)

ZHUKOV, Vsevolod Aleksandrovich [deceased]; MAKSIMOVICH, Aleksandr Pavlovich;
ABAKELOV, V.M., redaktor; MELEYEV, A.S., redaktor izdatel'stva;
TROFIMOV, A.V., tekhnicheskij redaktor

[Repair and inspection of seagoing vessels] Remont i osvidetel'stvo-
vaniye morskikh sudov. Moskva, Izd-vo "Morskoi transport," 1956.
370 p.

(MLRA 10:3)

(Ships--Maintenance and repair)

ZHUKOV, N.A.; MYTAREV, A.G.; PARAMONOV, A.I.; SAFONOV, A.A.;
SILKIN, N.P.; SLUTSKIY, Ya.L.; FROLKOV, P.P.;
KUZNETSOVA, L.G., red.

[Centralized repair of hydraulic systems; work practice of
the Mikhailov Regional Association of "Sel'khoztekhnika"
of Ryazan Province] Tsentralizovannyi remont gidrosistem;
opyt raboty Mikhailovskogo raionnogo ob"edinenia "Sel'-
khoztekhnika" Riazanskoi oblasti. Moskva, Biuro tekhn.
informatsii, 1964. 14 p. (Perevod opty i predlozheniya)
Seriiia 1. Remont mashinno-traktornogo parka) (MIRA 18:5)

11.01.00 cl. u 3019

41922
S/065/62/000/011/006/006
E194/E435

AUTHORS: Rybakov, P.A., Zhukov, N.A., Isayeva, N.S.

TITLE: An improved gravimetric method of determining the amount of solid contaminants in light petroleum products

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.11, 1962, 68-71

TEXT: The usual methods of assessing solid contaminants in light fuels, particularly that of standard ГОСТ 6370-59 (GOST 6370-59) and visual methods, are not sensitive enough and better methods are required for determining amounts of contaminants less than 0.005%. Tests showed that the usual "red band" filter papers are inadequate and tests were made with nitro-cellulosic membrane biological filters to standard ГОСТ 8985-59 (GOST 8985-59) which are made in six pore sizes ranging from 0.3 to 5 microns. Filters no.4 (0.9 μ) and no.3 (0.5 μ) were found best for light fuels, finer filters were too slow and coarser ones inadequate. These filters were stable on exposure to the usual fuels and solvents and with the accepted oven drying procedure. When the solids content is less than 0.0003% it is recommended to filter

Card 1/2

S/065/62/000/011/006/006
E194/E435

An improved gravimetric ...

about a half litre of fuel, when the solids content is greater than 0.0005% the sample may be less than 400 ml but not less than 200 ml. The procedure for handling wet samples is explained. With the improved method described here, contaminants present in amounts greater than 0.0001% can be assessed and smaller amounts than this can be neglected. The repeatability was not greater than \pm 12%. There are 2 figures and 1 table.

X

Card 2/2

ZHUKOV, Nikolay Andreyevich; KUL'BACHNTY, N.G. prof., doktor tehnicheskikh
nauk, redaktor; KHMELEVA, V.I., redaktor; KRYNOCHKIN, K.V.,
tekhnicheskiy redaktor

[Steel arteries] Stal'nye arterii. Moskva, Vses. uchebno-pedagog.
izd-vo, 1955. 61 p.
(Rolling mills) (MLRA 8:7)

ZHUKOV, N. A.

ZHUKOV, N. A. - "The functional state of the pancreas in hypertonic disease".
Moscow, 1955. Second Moscow State Medical Inst imeni I. V. Stalin.
(Dissertation for the degree of candidate of Medical Sciences)

Sd: Knizhnaya Letopis' №. 46, 12 November 1955. Moscow

ZHUKOV, N.A.; ZIL'BERGOL'TS, M.L.; SAVINA, S.Ya.

Problem of so-called keratoacanthoma. Sov.med. 24 no.11:109-111
N '60. (MIRA 14:3)

1. Iz 'TSentral'noy polikliniki Ministerstva putey soobshcheniya
(kachal'nik N.I.Kuznetsov, konsul'tanty prof.L.N.Mashkilleyson
i prof. L.M.Nisnevich).
(SKIN—TUMORS)

ZHUKOV, N.A.

Effect of lipocaine on the cholesterol level in the blood. Probl.
endok. i gorm. 6 no. 2:91-93 Mr-Ap '60. (MIRA 14:1)
(CHOLESTEROL) (LIPOCAIG)

GITMAN, Solomon Moiseyevich [deceased]; ZHUKOV, Nikolay Alekseyevich;
KOLOSOV, P.I., red.

[Bibliographical index of Soviet dermatology and venereology
for 1951 - 1958] Bibliograficheskii ukazatel' sovetskoi derma-
tologii i venerologii za 1951-1958 gg. Moskva, Meditsina.
Vol.4. Book 1. 1964. 863 p. (MIRA 17:8)

ZHUKOV, N.A., kand.med.nauk

Development of diabetes mellitus in hypertension. Sov.med. 23 no.8;
59-63 Ag '59. (MIRA 12:12)

1. Iz kafedry gospital'noy terapii (zav. - prof. M.E. Vinnikov) Omskogo
meditsinskogo instituta imeni M.I. Kalinina i propedevticheskoy terapev-
ticheskoy kliniki (zav. - prof. A.A. Shelagurov) II Moskovskogo meditsin-
skogo instituta imeni N.I. Pirogova.

(DIABETES MELLITUS complications)

(HYPERTENSION complications)

ZHUKOV, N.A., kand.med.nauk

Condition of the pancreas in patients with hypertension. Vrach.
delo no.7:136 Jl '60. (MIRA 13:7)

1. Kafedra gospital'noy terapii (zav. - prof. M.E. Vinnikov)
Omskogo meditsinskogo instituta.
(HYPERTENSION) (PANCREAS)

ZHUKOV, N.A., kand.med.nauk

The proserine test is a simple and accessible method for functional diagnosis in pancreatic diseases. Sov. med. 25 no.9:103-105 S '61.
(MI:A 15:1)

1. Iz kliniki gospital'noy terapii (zav. - prof. M.E.Vinnikov)
Omskogo meditsinskogo instituta imeni M.I.Kalinina.
(PANCREAS DISSES) (PROSTIGMINE)

ZHUKOV, N.A., kand.med.nauk (Omsk)

Age aspect in the endocrine function of the pancreas. Probl.endok.
i gorm. no.1:67-69 '62. (MIRA 15:8)

1. Iz kliniki gospital'noy terapii (zav. - prof. M.E. Vinnikov)
Omskogo meditsinskogo instituta imeni M.I. Kalinina.
(PANCREAS—SECRECTIONS) (AGING)

ZHUKOV, N.A.

Intrainsular pericapillary fibrosis and its role in functional disorders of the insular apparatus of the pancreas in elderly and senile persons. Probl. endok. i gorm. 10 no.5:13-17 S-O '64.
(MIRA 18:6)

1. Klinika gospital'noy terapii (zav. - prof. M.E. Vinnikov [deceased]) Omskogo meditsinskogo instituta imeni M.I. Kalinina. Konsul'tant po morfologicheskim voprosam prof. K.S. Bul'bakov.

ZHUKOV, N.A. (Omsk)

Alpha cells of the islands of Langerhans of the pancreas in
persons of various ages. Arkh. pat. 27 no.4:30-34 '65.
(MIRA 18:5)
1, Klinika gospital'noy terapii (zav. - dotsent N.A.Zhukov)
Omskogo meditsinskogo instituta imeni Kalinina. Konsul'tant -
prof. K.S.Bul'bakov.

10.7400

also 2206.2808

25967

S/535/60/000/129/005/006
E193/580**AUTHORS:**

Sulima, A.M., Yevstigneyev, M.I., Zhukov, S.L.,
Candidates of Technical Sciences, Shadskiy, I.A. and
Zhukov, N.D., Engineers

TITLE:

Investigation of endurance of titanium-base and other
heat-resistant alloys tested on the ВИУ-1 МАИ-ВИАМ
(VIU-1 MAI-VIAM) machine under high frequency loads

PERIODICAL:

Moscow. Aviatsionnyy institut. Trudy, No.129, 1960.
Issledovaniye fizikomekhanicheskikh i ekspluatatsionnykh
svoystv detaley posle obrabotki, pp. 92-111

TEXT:

The object of the investigation described in the present paper was to determine the endurance limit of a titanium alloy BT3-1 (VT3-1) and two nickel-base alloys of the 9Н617(ЕХ617) and 9ХС6К (ZhS6K) type, and to study the effect of the frequency of alternating loads on this property. The main shortcoming of the conventional fatigue testing methods is that the test conditions bear little relation to the conditions obtaining in service; in addition, they are time-consuming, 4-5 months of continuous work being required to construct on fatigue curve. It was for these reasons that a high frequency testing machine (VIU-1 MAI-VIAM) was

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